

CLAIMS

1. A method for treating a cellulosic grey fabric, comprising the following steps:
 - (a) a pretreatment step in which, in the presence of water, at a temperature of 60-100°C, the fabric is contacted with a thermostable enzyme which
5 degrades starch; and
 - (b) an integrated desizing and scouring step in which, in the presence of water, at a temperature of 70°C at the most, the fabric as obtained in step (a) is contacted with an enzyme which degrades a polymeric component of the primary cell wall of cotton and an enzyme which degrades starch.
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2. A method according to claim 1, wherein, between steps (a) and (b), the fabric is subjected to a treatment in which the mass transport of fabric components to be washed away is promoted.
- 15 3. A method according to claim 2, wherein the treatment is a vacuum treatment or a blowing treatment.
4. A method according to any one of claims 1-3, wherein, in steps (a) and (b), the enzyme which degrades starch is an amylase.
- 20 5. A method according to claim 4, wherein, in steps (a) and (b), the enzyme which degrades starch is an α -amylase.
6. A method according to any one of claims 1-5, wherein, in step (b), the
25 enzyme which degrades a polymeric component of the primary cell wall of cotton is chosen from the group of cellulase, protease and/or pectinase.

7. A method according to claim 6, wherein, in step (b), the enzyme which degrades a polymeric component of the primary cell wall of cotton is a pectinase.
- 5 8. A method according to claim 7, wherein the pectinase is a polygalacturonate lyase.
9. A method according to any one of claims 1-8, wherein steps (a) and (b) are carried out in the presence of a surfactant.
- 10 10. A method according to any one of claims 1-9, wherein step (a) is carried out at a temperature of 80-100°C.
11. A method according to claim 10, wherein step (a) is carried out at a
15 temperature of 90-100°C.
12. A method according to any one of claims 1-11, wherein step (b) is carried out at a temperature of 30-60°C.
- 20 13. A method according to any one of claims 1-12, wherein steps (a) and (b) are carried out at a pH of 7.5-9.5.
14. A method according to any one of claims 1-13, wherein steps (a) and (b) are carried out as a continuous process and the fabric is subjected to each
25 step for 5 minutes at the most.
15. A method according to any one of claims 1-14, wherein the fabric obtained in step (b) is subjected to a washing treatment which is carried out at a temperature of 60-100°C in the presence of a surfactant.

16. A method according to claim 15, wherein, between step (b) and the subsequent washing treatment, the fabric is subjected to a treatment in which the mass transport of fabric components to be washed away is promoted.

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17. A method according to claim 16, wherein the washed fabric is subsequently bleached.

18. A method according to any one of claims 1-17, wherein the fabric is a
10 woven cotton fabric.

19. Fabric manufactured according to the method of any one of claims 1-18.

15 20. Use of a fabric as obtained using the method according to any one of claims 1-18 for manufacturing textile products.

21. A textile product manufactured from a fabric treated using the method according to any one of claims 1-18.

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